

a processing unit which determines an optimal buffer size in accordance with a bit rate of said received transport stream data and which reserves, in said memory, a storage area having said optimal buffer size; and

a demultiplexer for separating transport packets from said received transport stream data using said reserved storage area.

2. (Amended) A broadcast receiver according to Claim 1, wherein said optimal buffer size is described in a program to be executed by said processing unit.

3. (Amended) A broadcast receiver according to Claim 2, wherein said program is executed when the main power of said broadcast receiver is switched on.

4. (Amended) A broadcast receiver according to Claim 2, wherein said program is preloaded in said memory.

5. (Amended) A broadcast receiver according to Claim 2, wherein said program is stored in a nonvolatile memory.

6. (Amended) A broadcast receiver according to Claim 1, wherein said optimal buffer size is determined by detecting said bit rate of said received transport stream data.

7. (Amended) A method for controlling a broadcast receiver to receive multiplexed transport stream data, store the received transport stream data in a memory, and separate a desired transport packet from the stored transport stream data, said control method comprising:

determining an optimal buffer size in the memory in accordance with a bit rate of the received transport stream data;

reserving, in the memory, a storage area having the optimal buffer size;

storing the received transport stream data in the reserved storage area; and

using the reserved storage area to separate the desired transport packet from the stored transport stream data.

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8. (Amended) A control method according to Claim 7, wherein the optimal buffer size is described in a program to be executed by a control processor controlling the broadcast receiver.

9. (Amended) A control method according to Claim 8, wherein the program is executed by the control processor when the main power of the broadcast receiver is switched on.

10. (Amended) A control method according to Claim 8, wherein the program is prestored in the memory.

13. (Amended) A storage medium recorded with a program for controlling a broadcast receiver to receive multiplexed transport stream data, store the received transport stream data in a memory, and separate a desired transport packet from the stored transport stream data, the program comprising:

determining an optimal buffer size in the memory in accordance with a bit rate of the received transport stream data; and

reserving, in the memory, a storage area having the optimal buffer size.

14. (Amended) A storage medium according to Claim 13, wherein the broadcast receiver is controlled by a control processor, and the program is executed by the control processor when the main power of the broadcast receiver is switched on.

15. (Amended) A storage medium according to Claim 13, wherein the program further includes detecting the bit rate of the received transport stream data,

wherein the optimal buffer size is determined in accordance with the detected bit rate.
